

# VOWEL-CONSONANT PATTERNS (PART 2)

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Part 1 of the article listed V-C patterns in 7- and 8-letter words. Part 2 repeats the exercise for 9-letter words and then analyses the 7-, 8- and 9-letter V-C patterns.

## VOWEL-CONSONANT PATTERNS IN 9-LETTER WORDS (512 = 2<sup>9</sup> patterns)

Words were found for 248 of the 256 C patterns, and for 229 of the 256 V patterns.

### 9-LETTER C PATTERNS

CCCCCCCCC*	RNRGRRGRN(aae)	CCCCCCCCCv		CCCCCCCCvC	BWLCHLLAN(gb)
CCCCCCCCv	WLTSCHNAU(Cze)	CCCCCCCCvCC	STRWMMILL	CCCCCCCCvCv	NVRVMBEGA(Hod)
CCCCCCCCvC	TWGHTWEES(Hod)	CCCCCCCCvv		CCCCCCCCvCC	GSCHWANDT(Aus)
CCCCCCCCvCC	NTSTLATKO (Hod)	CCCCCCCCvCv	TRWCHEMAN	CCCCCCCCvCv	
CCCCCCCCvCC	SLWTHOUND	CCCCCCCCvCv	STRZMIELE (Pol)	CCCCCCCCvvC	GSCHNEIER(Aus)
CCCCCCCCvv		CCCCCCCCvCC*	MCKNIGHTS (lv)	CCCCCCCCvCC	SCHNOZZLE
CCCCCCCCvCv	SCHNITZEL	CCCCCCCCvCv	SCHWALBEA	CCCCCCCCvCC	NTRHARAST(Mor)
CCCCCCCCvCv	TCHRAFINE (Mor)	CCCCCCCCvCv	CHTHONIAN	CCCCCCCCvv	SCHWODIAU(Aus)
CCCCCCCCvCC	SCHREETCH	CCCCCCCCvCC	TRZCIANNO (Pol)	CCCCCCCCvCv	SCHMOOZES
CCCCCCCCvCv	CHZHOUKOU(Chi)	CCCCCCCCvvCC	PTHIOICS (st)	CCCCCCCCvCv	MCHJEAANE(SA)
CCCCCCCCvv		CCCCCCCCvv		CCCCCCCCvCC	STRENGTHS
CCCCCCCCvCv	STRINCKLE	CCCCCCCCvCv	SCRATCHED	CCCCCCCCvCv	THRUNSCOE(gb)
CCCCCCCCvCC	SHRINKING	CCCCCCCCvCv	SCRIPTURE	CCCCCCCCvCv	CHRISTIAN
CCCCCCCCvv	STRILLAIE (Ita)	CCCCCCCCvCC*	PHRASINGS	CCCCCCCCvCC	CHRONICLE
CCCCCCCCvCv	SCHEMATIC	CCCCCCCCvCv	SCLEROTIA	CCCCCCCCvCC	SCREWIEST (coll)
CCCCCCCCvCv	CHROMIOLE	CCCCCCCCvvC	STRENUOUS	CCCCCCCCvv	CHTITIOUI (Mor)
CCCCCCCCvCC	STRAIGHTS	CCCCCCCCvCv	STRAUGHTE	CCCCCCCCvCv	SCROUNGED
CCCCCCCCvCv	CHMOURHIA(Mor)	CCCCCCCCvCC	THREATENS	CCCCCCCCvCv	SHROUDAGE
CCCCCCCCvCv	STRIATION	CCCCCCCCvv	CHTAITAIA (Tun)	CCCCCCCCvCC*	SPREEINGS
CCCCCCCCvCv	THREE-ANTI	CCCCCCCCvCv	SCHEAUWEN	CCCCCCCCvCv	TCHAOUROU(Alg)
CCCCCCCCvCC	SCHEAUNG	CCCCCCCCvCv	MGHAOUINE(Mor)	CCCCCCCCvCv	JRHIAOUAT(Mor)
CCCCCCCCvv	KHRIOUIAA (Mor)	CCCCCCCCvCC	LLANLLWCH (gb)	CCCCCCCCvCv	LLANLLWNI (gb)
CCCCCCCCvCv	SWORDSMAN	CCCCCCCCvCv	PLANGSTEE	CCCCCCCCvCC*	WHISTLING
CCCCCCCCvCv	PROSTRATE	CCCCCCCCvCv	TRUNCHEON	CCCCCCCCvCv	BRANCHIAE
CCCCCCCCvCC	FLATWORMS	CCCCCCCCvCv*	KNOWLEDGE	CCCCCCCCvCv	PLENTIFUL
CCCCCCCCvCv	CHICKADEE	CCCCCCCCvCC	TWENTIETH	CCCCCCCCvCv	STARQUAKE
CCCCCCCCvCv	FRACTION	CCCCCCCCvv	CHICHAOUA(Mor)	CCCCCCCCvCC	PRECINCTS
CCCCCCCCvCv	SHEMOZZLE	CCCCCCCCvCv	CHARACTER	CCCCCCCCvCv	GROTESQUE
CCCCCCCCvCC*	DRAMATIST	CCCCCCCCvCv	PLURALISE	CCCCCCCCvCv	PLUTONIUM
CCCCCCCCvCv	GRAMINEAE	CCCCCCCCvCC	CLIQUSMS	CCCCCCCCvCv	PRONOUNCE
CCCCCCCCvCv	CLARIONET	CCCCCCCCvCv	CHIHUAHUA	CCCCCCCCvCC	BROGUEISH
CCCCCCCCvCv	PRECIOUSE	CCCCCCCCvCv	PLATEAUED	CCCCCCCCvv	KHERAOUIA(Mor)
CCCCCCCCvCC	DROUGHTS	CCCCCCCCvCv	FLEITSCH	CCCCCCCCvCv	SLAUGHTER
CCCCCCCCvCv	TRIUMPH	CCCCCCCCvCC	SCIENTIST	CCCCCCCCvCv	BRAINWAVE
CCCCCCCCvCv	CHAUFFEUR	CCCCCCCCvv	TROUSSEAU	CCCCCCCCvCC	THOUSANDS
CCCCCCCCvCv	SQUARABLE	CCCCCCCCvCv	RHEUMATIC	CCCCCCCCvCv	PNEUMONIA
CCCCCCCCvCC*	SPOOKIEST (coll)	CCCCCCCCvCv	SQUIREAGE	CCCCCCCCvCv	PRAEVIUS



CCvvCvvvv	LHOUFUUAÂ(Mor)	CCvvvCCCC	TRIEUMPHS	CCvvvCCCv	TREEANGLE
CCvvvCCvC	SQUEAKLET	CCvvvCCv	TROUETTIA (nz)	CCvvvCvCC	SQUEAMISH
CCvvvCvCv	PLEIOCENE	CCvvvCvC	PHAEACIAN	CCvvvCvvv	DGUEÏGUIA (Mor)
CCvvvvCCC	BLEEAUNTS	CCvvvvCCv	CRAUAUNDE	CCvvvvCvC	PLIOAETUS (nz)
CCvvvvCv	BREUIARIE	CCvvvvvCC*	THEAUIENS	CCvvvvvCv	MZAIUOATE(Mor)
CCvvvvvvC	NTOUIOUIZ (Man)	CCvvvvvvv	CHOUIOUIA (Alg)	CvCCCCCCC	WERNFFRWD (gb)
CvCCCCCCv	SAWNTWNG(Bur)	CvCCCCCvC*	LENGTHFUL	CvCCCCCv	WALSCHRIE
<u>CvCCCCvCC</u>	CATCHWORD	<u>CvCCCCvCv</u>	NAPHTHENE	<u>CvCCCCvC</u>	MONSTROUS
CvCCCCvvv	PORTGREUE	<u>CvCCCvCCC</u>	MISGROWTH	<u>CvCCCvCCv</u>	CAMBRIDGE
<u>CvCCCvCvC</u>	TECHNICAL	CvCCCvCv	MISTLETOE	<u>CvCCCvCC</u>	COCKROACH
CvCCCvCv	DISPLEASE	CvCCCvvvC	CONSCIOUS	CvCCCvvvv	FENGDOUIA (nz)
CvCCvCCCC	FORLENGTH	CvCCvCCCv	PENTANGLE	<u>CvCCvCCvC*</u>	TETRAGRAM
CvCCvCCv	COMMITTEE	<u>CvCCvCvCC</u>	CONSONANT	<u>CvCCvCvCv</u>	SUMMARIZE
<u>CvCCvCvC</u>	DICTATION	CvCCvCvv	CACTACEAE(w2)	CvCCvCCC	BILLIONTH
CvCCvCCv	DISCOURSE	<u>CvCCvCvC</u>	FICTIONAL	CvCCvCv	COLLEAGUE
CvCCvvvCC	TATTOOING	CvCCvvvCv	TURQUOISE	CvCCvvvC	POMPEIAN
CvCCvvvvv	KIPRIOUA (IC)	CvCvCCCCC	ROMANTSCH	CvCvCCCCv	SEPULCHRE
<u>CvCvCCCvC</u>	BEWITCHED	CvCvCCCv	HEXANDRIA	<u>CvCvCCvCC</u>	SEMANTICS
<u>CvCvCCvCv</u>	HOMOPHONE	<u>CvCvCCvC</u>	GAZETTEER	CvCvCCvv	MESOGLOEA
<u>CvCvCvCCC</u>	LOGARITHM	<u>CvCvCvCCv</u>	SIBILANCE	<u>CvCvCvCvC*</u>	SEMIVOWEL
CvCvCvCv	CATALOGUE	<u>CvCvCvCC</u>	RECIPIENT	CvCvCvCv	HUMILIATE
CvCvCvvvC	VICARIOUS	CvCvCvvv	LOGOPOEIA	CvCvCCCC	PERIANTHS
CvCvCCCv	PINEAPPLE	CvCvCCvC	CORIANDER	CvCvCCv	JUNOESQUE
<u>CvCvCvCC</u>	HOMEOPATH	CvCvCvCv	MINIATURE	CvCvCvC	VALUATION
CvCvCvv	TILIACEAE (w2)	CvCvvvCCC	BEQUEATHS	CvCvvvCCv	MANOEUVRE
CvCvvvCvC*	LOGAOEDIC	CvCvvvCv	BIVOUAQUE	CvCvvvCC	BUREAUISM
CvCvvvvCv	BEHAUOURE	CvCvvvvvC	DECEIUOUR	CvCvvvvv	MAKOUEOUE(Hod)
CvCCCCCCC		CvCCCCCv	CAERGWRLE(gb)	CvCCCCCvC	MAELSTROM
CvCCCCCv	HEICHTLIE	<u>CvCCCCvCC</u>	SOUTHWARD	CvCCCCvCv	LOATHSOME
CvCCCCvC*	FOOTSTOOL	CvCCCCvv	COINTREAU	<u>CvCCvCCC</u>	MOONLIGHT
CvCCvCCv	QUADRUPLE	<u>CvCCvCvC</u>	QUIZZICAL	CvCCvCv	NEOPHOBIA
CvCCvCC	TOOTHIEST (coll)	CvCCvCv	MOONQUAKE	CvCCvvvC	COURTEOUS
CvCCvvvv	ZOOGLOEAE (ospd)	CvCvCCCC	BIOMORPHS	CvCvCCCv	HIACINTHE
<u>CvCvCCvC</u>	DIAMETRIC	CvCvCCv	GUARANTEE	<u>CvCvCvCC</u>	NEOLOGISM
CvCvCvCv	WEARISOME	CvCvCvC*	QUOTATION	CvCvCvv	VIOLACEAE (w2)
CvCvCCC	QUOTIENTS	CvCvCCv	PEACEABLE	CvCvCvC	CAUTIONED
CvCvCv*	SEAQUARIA	CvCvvvCC	VOODOOISM	CvCvvvCv	LEAGUEITE
CvCvvvvC	DIAPAUEIN (ch)	CvCvvvvv	BOUDOUAOU(Alg)	CvvvCCCCC	RAUASCHTS
CvvvCCCCv	TOUANNSSA(Mor)	CvvvCCCvC	NEOARCTIC	CvvvCCCv	REUELLRIE
CvvvCCvCC	QUIESCENT	CvvvCCvCv	BEAUVRAGE	CvvvCCvC	QUEENLIER (coll)
CvvvCCvvv	BEAUPRÉAU(Fra)	CvvvCvCCC	QUOININGS	CvvvCvCCv	QUIETANCE
CvvvCvCvC	DIOECESAN	CvvvCvCv	LUUILELIE	CvvvCvCC	QUEASIEST (coll)
CvvvCvCv	LOUISIANA	CvvvCvvvC*	BEAUTEOUS	CvvvCvvv	RAOUDÂOUA(Mor)
CvvvCCCC		CvvvvCCCv	SEOUENTHE	CvvvCCvC	SOJOURNER
CvvvvCCv	BOOUILLAO (Phi)	CvvvvCvCC	GUAACUMS	CvvvvCvCv	GUAACENE
CvvvvCvC	MAIOIDEAN	CvvvvCvv	TIOUAMAOU(Mor)	CvvvvvCCC	QUEUEINGS
CvvvvvCCv	ROUAOUSSA(Mor)	CvvvvvCvC	BOUOUAMAR(Mor)	CvvvvvCv	POUAOUMOU(FP)
CvvvvvvCC	HOUAOUESS(Mor)	CvvvvvvCv	SOUIOUINA(Mor)	CvvvvvvvC*	HAOUIOUIIS (Alg)
Cvvvvvvv	HAOUAOUIA (Mor)				



## 9-LETTER V PATTERNS

vvvvvvvv*		vvvvvvvC		vvvvvvvCv	
vvvvvvvCC	AOUAOUICH (Alg)	vvvvvCvv	AUOEODIA (bae)	vvvvvCvC	AOUAOUHET (Mor)
vvvvvCCv	OUAOUASSA (Mor)	vvvvvCCC		vvvvvCvv	OUAOUKAÏA (Mor)
vvvvvCvC	OUAOULOUZ (Mor)	vvvvvCvCv	AAAUASASU (cad)	vvvvvCvCC	OUAOURINT (Mor)
vvvvvCCvv	IAOUASSOU (Gun)	vvvvvCCvC	OUAOUCLID (Mor)	vvvvvCCCv	OUAOUCHKI (Mor)
vvvvCCCC		vvvvCvvv*	AIOUNOUEA (Hod)	vvvCvvvC	
vvvvCvvCv	AAOUSIENE (Mor)	vvvvCvvCC	AOUEREICH (Man)	vvvvCvCvv	AOUAMEDIA (Alg)
vvvvCvCvC	AAAATAMAD (cad)	vvvvCvCCv	AUOIDANCE	vvvvCvCCC	AOUIZAKHT (Mor)
vvvvCCvvv		vvvvCCvCv	OUEILLOUX (Fra)	vvvvCCvCv	OUIAZZANE (Mor)
vvvvCCvCC	IAOUCHACH (Mor)	vvvvCCCvv	UOERTHAE (Mor)	vvvvCCCvC	UIIURTHIT
vvvvCCCCv	UUE-ANTSLA (Est)	vvvvCCCCC		vvvCvvvvv	
vvvCvvvvC	IOULIOUIL (Mor)	vvvCvvvCv	OUAZIOUNE (Mor)	vvvCvvvCC	
vvvCvvCvv	OUALOUGOU (Mor)	vvvCvvCvC	IAALOU MAB (Mor)	vvvCvvCCv	AEOLIE NNE
vvvCvvCCC	OUAGUELZN (Mor)	vvvCvCvvv*	UAALUCUEO (Moz)	vvvCvCvvC	AEOLODION
vvvCvCvCv	AEOLIPILE	vvvCvCvCC	EUEMERISM	vvvCvCCvv	OUASEKSOU (Mor)
vvvCvCCvC	AEOLISTIC	vvvCvCCCCv	OUAMENNZA (Mor)	vvvCvCCCC	AEOLIGHTS (w3)
vvvCCvvvv	OUONDEOUA (IC)	vvvCCvvvC	AOUTLAOUK (Mor)	vvvCCvvCv	OUERSEENE
vvvCCvCC	OUAMSOULT (Mor)	vvvCCvCvv	IOUGLARIE	vvvCCvCvC	EUAGROTIS (nz)
vvvCCvCCv	EUOPSITTA (nz)	vvvCCvCCC	OUIZZERHT (Mor)	vvvCCCvvv*	OUIINNDIOU (Sen)
vvvCCCvvC	AOUCHGUEL (Mor)	vvvCCCvCv	OUERWHERE	vvvCCCvCC	OUERQWERT
vvvCCCCv		vvvCCCCvC	AOULKJDAD (Mor)	vvvCCCCCv	OUACHCHDA (Man)
vvvCCCCC		vvCvvvvv		vvCvvvvvC	IAZOUAOUT (Mor)
vvCvvvvCv	OULIOUINE (Mor)	vvCvvvvCC	OUTAOUATS (Hod)	vvCvvvCvv*	OESOEENOE (Ino)
vvCvvvCvC	AUROAURIC (w2)	vvCvvvCCv	OOSEOOCH E (Hod)	vvCvvvCCC	AUTOUACKS (Hod)
vvCvvCvvv	AIZOACEAE (w2)	vvCvvCvvC*	AEQUOREAL	vvCvvCvCv	AERIO LATE (bt)
vvCvvCvCC	AUTOECISM (w2)	vvCvvCCvv	AUDIENCIA (ch)	vvCvvCCvC	AUDIENCES
vvCvvCCCv	OUGUERGZA (Mor)	vvCvvCCCC		vvCvCvvvv	AESETOOUE (Hod)
vvCvCvvvC	AUDACIOUS	vvCvCvvCv	AEROPAUSE (coll)	vvCvCvCC	EUROPEANS
vvCvCvCvv*	AUDITORIA	vvCvCvCvC	EULOGIZED	vvCvCvCCv	IONIZABLE
vvCvCvCCC	EULOGISMS	vvCvCCvvv	OENOC HOAE (w3)	vvCvCCvC	AUTOPSIES
vvCvCCvCv	AEROPLANE	vvCvCCvCC	EAGERNESS	vvCvCCCvv	EUMORPHIA (nz)
vvCvCCCvC	AUTARCHIC	vvCvCCCCv	OEKELSCHE (Net)	vvCvCCCCC	
vvCCvvvvv	AISSAOUIA (Alg)	vvCCvvvvC	OUTRAIOUS	vvCCvvvCv	EUPTOIETA (ebw)
vvCCvvvCC	OUTSEEING	vvCCvvCvv	AUBRIETIA	vvCCvvCvC	AUCTIONED
vvCCvvCCv	OUBLIETTE	vvCCvvCCC	OUTBOARDS	vvCCvCvvv	OOSPOREAE (w2)
vvCCvCvvC	EUPHONIUM	vvCCvCvCv	AUTHORIZE	vvCCvCvCC	AUTHORESS
vvCCvCCvv*	EUPHORBIA	vvCCvCCvC	AUGMENTED	vvCCvCCCv	OUTPUZZLE
vvCCvCCCC	OUTBURSTS	vvCCCvvvv	AANNKA OUI (Syr)	vvCCCvvvC	OUTSQUEAL
vvCCCvvCv	OUTPRAISE	vvCCCvCC	EIGHTIETH	vvCCCvCvv	AUSTRALIA
vvCCCvCvC	AESTHETIC	vvCCCvCCv	AIRBRIDGE	vvCCCvCCC	EASTWARDS
vvCCCCvvv	OAKTCHOIE (Hod)	vvCCCCvC	EARTHLIER	vvCCCCvCv	EIGHTSOME
vvCCCCvCC	EARTHWORM	vvCCCCCvv*	AITCH-FREE	vvCCCCCvC	EARTHSMAN



vCCCCCCCv		vCCCCCCCC		vCvvvvvv	
vCvvvvvC		vCvvvvvCv *	ATAOUIENE (Mor)	vCvvvvvCC	IGUIOUARN (Mor)
vCvvvvCvv	ODIOUETOU(Tog)	vCvvvvCvC	EQUIAEVAL	vCvvvvCCv	ARAEAEDE
vCvvvvCCC		vCvvvCvvv	EPIEIKEIA <sup>3</sup>	vCvvvCvC	EQUOIDEAN (w2)
vCvvvCvCv	ELAIOSOME (w2)	vCvvvCvCC	ARAEOTICS	vCvvvCCvv	ELEOUDHIA(Cyp)
vCvvvCCvC	ELAEAGNUS	vCvvvCCCv	EQUIANGLE	vCvvvCCCC	ONE-EIGHTH
vCvvCvvvv	AREACAEAE (dbs)	vCvvCvvvC	OLEACEOUS	vCvvCvCv*	UNIONOIDA (tf)
vCvvCvCC	EQUATIONS	vCvvCvCv	EQUIVOQUE	vCvvCvCvC	AXIOMATIC
vCvvCvCCv	AVOIDABLE	vCvvCvCCC	UNIONISTS	vCvvCCvvv	AZOUGZAOU(Mor)
vCvvCCvC	ORIENTEER	vCvvCCvCv	ORIENTATE	vCvvCCvCC	EQUIPMENT
vCvvCCCv	APOINCTEE	vCvvCCCvC	UNEARTHED	vCvvCCCCv	AWEIGHTTE
vCvvCCCC		vCvCvvvvv	ERINIOUAI (Hod)	vCvCvvvC	IROQUOIAN
vCvCvvvCv	ELAQUEATE	vCvCvvvCC	OPAQUEING	vCvCvCv	OPALIINAE (tf)
vCvCvCvC	EMOTIONAL	vCvCvCCv	ELOQUENCE	vCvCvCCC	UTOPIASTS
vCvCvCvv	ERICACEAE	vCvCvCvC	IMITATION	vCvCvCvCv*	ANIMATIVE
<u>vCvCvCvCC</u>	UROLOGIST	vCvCvCCv	ARABESQUE	vCvCvCCvC	AGAMEMNON
vCvCvCCCv	EPICENTRE	vCvCvCCCC	ELEVENTHS	vCvCCvvvv	OUERLEEUE
vCvCCvvvC	UNOBVIOUS	vCvCCvCv	ENUNCIATE	vCvCCvCC	EBULLIENT
vCvCCvCv	ANASTASIA	<u>vCvCCvCvC</u>	ADULTERER	vCvCCvCCv	ADAPTABLE
vCvCCvCCC	ALARMISTS	vCvCCCvv	ISACHNEAE (gg)	vCvCCCvC	APARTHEID
vCvCCCvCv*	ALONGSIDE	vCvCCCvCC	ALERTNESS	vCvCCCCv	ANARTHRIA
vCvCCCCvC	OVERTHROW	vCvCCCCv	UPANKHCHI (Hod)	vCvCCCCC	
vCCvvvvv		vCCvvvvvC	ISGUIOUAR (Mor)	vCCvvvvCv	ESSAOUIRA(Mor)
vCCvvvvCC	ARRAIOURS	vCCvvvCv	ACMAEIDAE (w2)	vCCvvvCvC	UNQUIETED
vCCvvvCCv*	ACQUIESCE	vCCvvvCCC	ACQUAINTS	vCCvvCvv	AMMIACEAE (w2)
vCCvvCvC	ENDEAVOUR	vCCvvCvCv	INTUITIVE	<u>vCCvvCvCC</u>	ORDAINING
vCCvvCCv	APPOINTEE	vCCvvCCvC	EXHAUSTED	vCCvvCCCv	ENCOUNTRE
vCCvCCCC	OMNIARCHS	vCCvCvvv	ACRASIEAE (w2)	vCCvCvvC	INGENIOUS
vCCvCvCv	INSINUATE	vCCvCvCC	EFFICIENT	vCCvCvCv	INDONESIA
<u>vCCvCvCvC</u>	EMPIRICAL	vCCvCvCCv*	ALLOWANCE	vCCvCvCCC	ORGANISMS
vCCvCCvv	ATTURNEIE	vCCvCCvC	ENTERTAIN	<u>vCCvCCvCv</u>	UNDERLINE
<u>vCCvCCvCC*</u>	UTTERMOST	vCCvCCCv	ECLAMPSIA	vCCvCCCvC	ENTANGLED
vCCvCCCCv	ENRANCKLE (ch)	vCCvCCCC	ALWITZSCH(Aus)	vCCCvvvv	
vCCCvvvvC	INGRIEUES	vCCCvvvCv	ANCHOIADE (lo)	vCCCvvvCC	UNSHOEING
vCCCvCv	EXPLOITEE	vCCCvCvC	APPRAISAL	vCCCvCCv	EFFLUENCE
vCCCvCCC	ONSLAUGHT	vCCCvCvv	ORCHIDEAE (ch)	vCCCvCvC	AMPLIFIER
vCCCvCvCv	EXCLUSIVE	<u>vCCCvCvCC</u>	ARCHIVIST	vCCCvCCv	AFFRONTTEE
<u>vCCCvCCvC</u>	INSPECTOR	vCCCvCCCv*	ORCHESTRA	vCCCvCCCC	INSTINCTS
vCCCCvvv		vCCCCvvvC	ANGLMAUER(Aus)	vCCCCvCv	ALMSHOUSE
vCCCCvCC	ARMCHAIRS	vCCCCvCv	ANTHRACIA (st)	vCCCCvCvC	ARTHRITIS
vCCCCvCCv	ENSTRANGE	vCCCCvCCC	OFFPRINTS	vCCCCCvv	
vCCCCvC	ANGSTROEM	vCCCCvCv	ERSTWHILE	vCCCCCvCC	OFFSPRING
vCCCCCv	ACHTSVLEI (SA)	vCCCCCvC	ANNDGGHOS (Hod)	vCCCCCvCv*	
vCCCCCCCC					



## ANALYSIS OF THE 7-, 8- AND 9-LETTER V-C PATTERNS

The patterns are here analysed with regard to the number of words they form. The total number of 7-, 8- and 9-letter patterns is 896 (128, 256 and 512 respectively), representing a total of 448 C patterns and 448 V patterns. The reader is reminded that we are only concerned with Y-less words.

Table 1 shows the number of 7-, 8- and 9-letter C patterns and V patterns which form the basis for no words at all, 1 to 5 words, 6 to 999 words, and for 1000+ words.

**Table 1**

WORDS	none	1 to 5	6 to 999	1000+	TOTAL
PATTS.					
C7		7	38	19	64
C8	2	25	74	27	128
C9	8	73	139	36	256
Total	10	105	251	82	448
V7	1	15	43	5	64
V8	5	51	67	5	128
V9	28	90	130	8	256
Total	34	156	240	18	448
TOTAL	44	261	491	100	896
% of 896	5	29	55	11	100

This table also highlights the differences and similarities in productivity between the 7-, 8- and 9-letter C patterns *en bloc* on the one hand, and the 7-, 8- and 9-letter V patterns *en bloc* on the other. This reveals, not unexpectedly, that C patterns, at least of lengths 7, 8 and 9 letters, are generally more conducive to word-making than V patterns:

- \* no word found - 34 V patterns but only 10 C patterns
- \* 1 to 5 words - 156 V patterns/105 C patterns
- \* 6 to 999 words - 240 V patterns and 251 C patterns...remarkably similar
- \* 1,000+ words - 18 V patterns, but a massive 82 C patterns

In an attempt to establish what makes a productive or non-productive C pattern or V pattern, the Tables below show the distribution of 7-, 8- and 9-letter patterns which form the basis of no words at all (Table 2), 1 to 5 words (Table 3) and 1000+ words (Table 4), according to their long runs of Cs and/or Vs (a long run being defined as 3 or more). To do this, I start by noting the distribution of patterns with two runs of 4 Cs or two runs of 4 Vs, or one 4-letter run of each, irrespective of the other Cs and Vs in the pattern. From the remaining patterns, I then note the distribution of those with a single run of 4(+) Cs or 4(+) Vs, then the distribution of those with two runs of 3 Cs or two runs of 3 Vs, or one run of 3 Cs and one run of 3 Vs. Finally I note the distribution of the patterns with a single run of 3 Cs or 3 Vs



**Table 2 BARREN PATTERNS**

RUNS	4C/V+4C/V	4(+)C	4(+)V	3C+3C	3V+3V	3C+3V	3Cor3V	TOTAL
PATTS								
C7								
C8	1	1						2
C9	4	4						8
Total	5	5						10
V7		1						1
V8	1	2	2					5
V9	3	11	13		1*			28
Total	4	14	15		1			34
TOTAL	9	19	15		1			44

No word was found for 44 (5%) of the total 896 patterns. All except one of the barren patterns have 1 or more runs of 4(+) Cs and/or 4(+) Vs:

- \* 9 have a run of 4 Cs and a run of 4 Vs
- \* 34 have a single run of 4(+) Cs or 4(+) Vs
- \* 1 has 2 runs of 3 Vs\*

The remaining 852 (896 - 44) patterns all form the basis of one or more words. They include all the 7-, 8- and 9-letter patterns made exclusively of single and double runs of Cs and Vs.

**Table 3 PATTERNS MAKING 1 - 5 WORDS**

RUNS	4C/V+4C/V	4(+)C	4(+)V	3C+3C	3V+3V	3C+3V	3Cor3V	TOTAL
PATTS								
C7		4	3					7
C8		13	11			1		25
C9	1	27	35		2	5	3	73
Total	1	44	49		2	6	3	105
V7		3	9		1		2	15
V8		10	24		2	5	10	51
V9	2	15	39		4	10	19	90
Total	2	28	72		7	15	31	156
TOTAL	3	72	121		9	21	34	261

1 to 5 words were found for 261 (29%) of the 896 patterns, nearly six times as many as those for which no word was found (44). All 261 patterns exhibit at least one run of three or more Cs or Vs, as did the 44 barren patterns:

- \* 3 have, respectively, two runs of 4 Cs (CCCCvCCCC), two runs of 4 Vs (vvvvCvvvv), and one run each of 4Vs and 4Cs (vvvvCCCCv)..
- \* 194 have one run of 4(+) Cs or 4(+) Vs.
- \* 30 have two runs of 3Vs, or a run each of 3Cs and 3Vs. None has two runs of 3Cs.
- \* 34 have a single run of 3Cs or 3Vs.



**Table 4 PATTERNS MAKING 1000+ WORDS**

RUNS	4C/V+4C/V	4(+)C	4(+)V	3C+3C	3V+3V	3C+3V	3C or 3V	No runs of 3 (+)	TOTAL
PATTS									
C7							1	18	19
C8		1					6	20	27
C9		3		1			10	22	36
Total		4		1			17	60	82
V7							1	4	5
V8							1	4	5
V9							2	6	8
Total							4	14	18
TOTAL		4		1			21	74	100

1000+ words were found for 100 (11%) of the 896 patterns. None of the 100 patterns has a vowel run of more than 2Vs:

- \* 4 patterns have runs of 4 Cs: CvCCCCvC, CvCCCCvCv, CvCCCCvvC, CvCCCCvCC.
- \* 1 pattern has two runs of 3 Cs: CvCCCVCCC.
- \* 21 patterns have a single run of 3 Cs.
- \* 74 patterns are made exclusively of single and double Cs and Vs.

At first sight, it seems odd that any pattern with a run of 4 Cs is able to host more than 1000 words. The four patterns concerned (one of 8 letters and three of 9 letters) have a common feature, they all start with CvCCCCv... Furthermore, the pattern CvCCCCvCC is, somewhat surprisingly, the twelfth most productive of all the 9-letter C patterns, forming the basis of words which include: BANDSTAND, CATCHMENT, DITCHLESS, FETCHLING, GOLDCREST, HUNCHBACK, JOHNSWORT, KICKSHAWS, LOCKSMITH, MALTSTERS, NIGHTFALL, PATCHWORK, QINGCHENG (in China), RATCHMENT, SUBSCRIPT, TOWNSFOLK, VETCHLING, WATCHWORD, XINGZHONG (in China), ZOLLPFUND (w2).

Which patterns are the most productive? The list below shows the winner and runner up for 7-, 8- and 9-letter Y-less C and V patterns. It is noteworthy that all six V patterns start with vCCvC... and that five of the six C patterns start with CvCCv... Note that none of the twelve patterns have any runs of Vs, and that the 8-letter C pattern runner up is the only one to embody a run of 3 (Cs).

	Winners		Runners up	
	C patterns	V patterns	C patterns	V patterns
7 letters	CvCCvCC	vCCvCvC	CvCvCvC	vCCvCCv
8 letters	CvCCvCvC	vCCvCCvC	CvCCCvCC	vCCvCvCC
9 letters	CvCCvCCvC	vCCvCCvCC	CvCCvCvCC	vCCvCvCvC

Examples based on the eight 7- and 8-letter patterns can be found in *Patterns Shared* and *Opposing Patterns* in Part I of the article. Working from left to right, examples for the four 9-letter patterns include TETRAGRAM, ACROSTICS, CONSONANT and UNVOWELED.

To conclude, it's back to opposing V-C patterns. The 9-letter V pattern runner up vCCvCvCvC and its opposite number CvvCvCvCv suitably form the basis of the near-antonymic pair OPPOSITES and LOOKALIKE.